

SAW Filter: 427.80MHz

Model: TA0577F

Part No: MP11520

Rev. No: 1

A. MAXIMUM RATING:

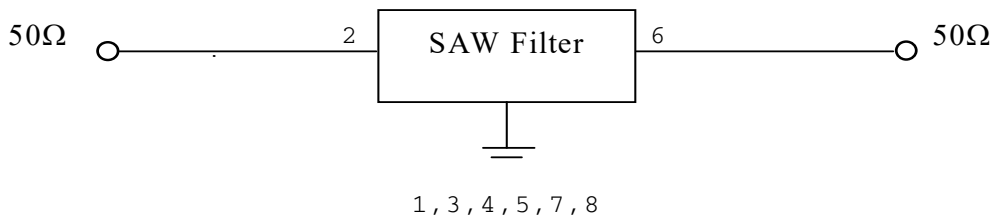
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: 15°C to +35°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	427.8	-
Insertion Loss (425.3~430.3MHz)	dB	-	2	3.6
Amplitude Ripple (425.3~430.3MHz)	dB	-	0.5	2.1
Attenuation (Reference level from 0 dB)				
1 ~ 391MHz	dB	40	68	-
391 ~ 406.5MHz	dB	31	66	-
406.5 ~ 417.9MHz	dB	10	48	-
461 ~ 481MHz	dB	35	65	-
481 ~ 555MHz	dB	40	64	-
Input/Output VSWR (425.3~430.3MHz)		-	1.3	2.2
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

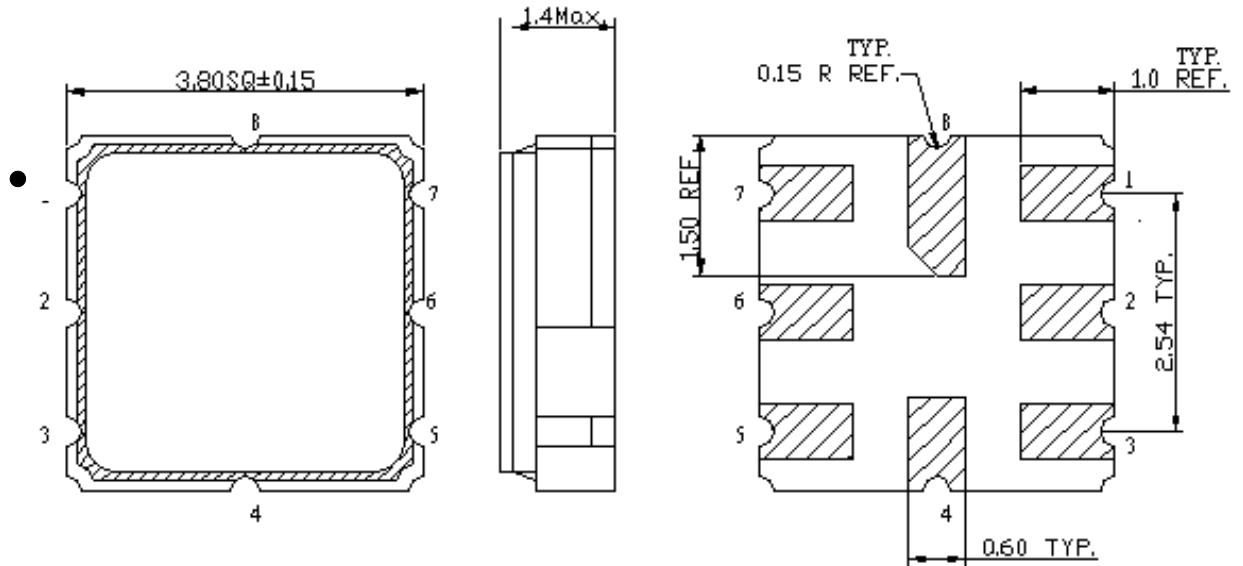
HP Network analyzer



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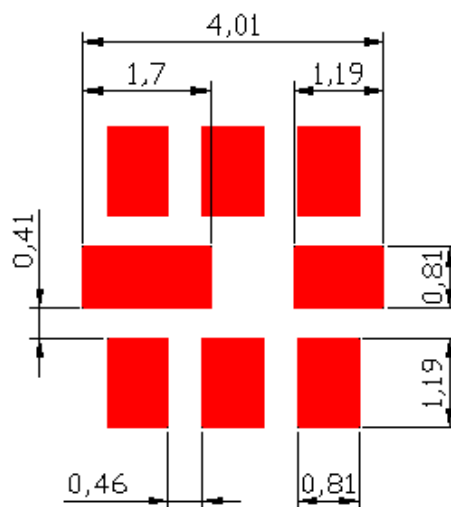
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D. OUTLINE DRAWING:



2 : Input
 6: Output
 1,3,4,5,7,8: Ground
 Unit: mm

E. PCB FOOTPRINT:

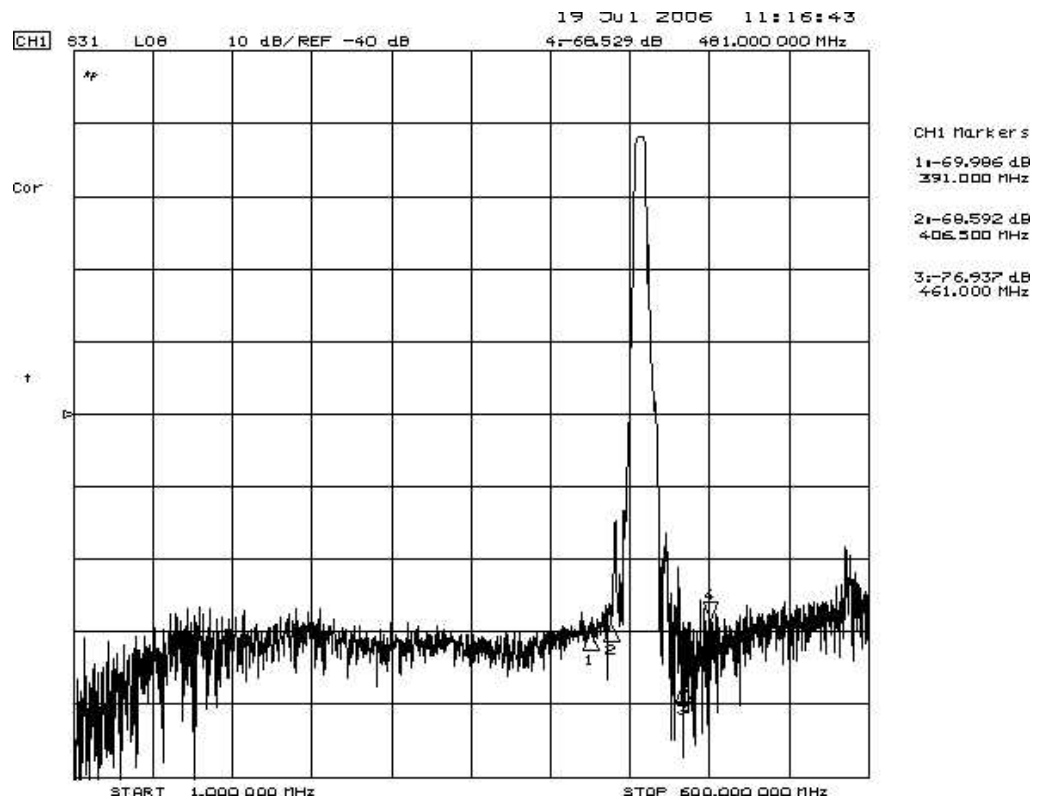
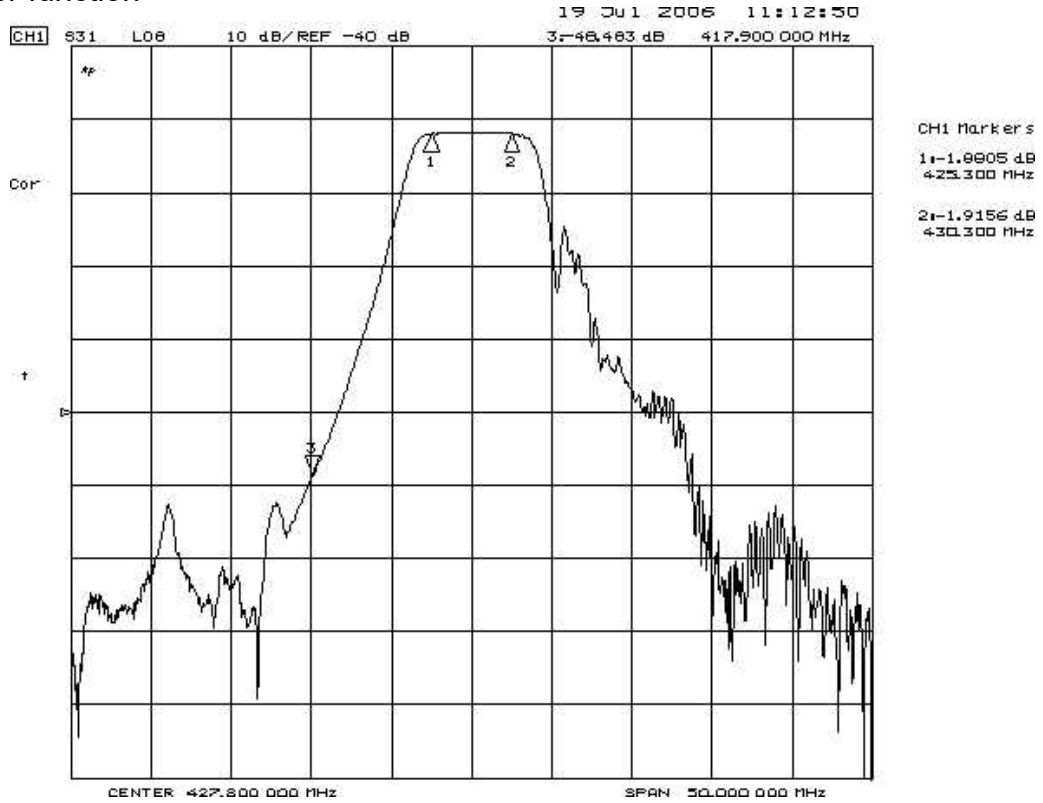


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F. FREQUENCY CHARACTERISTICS:

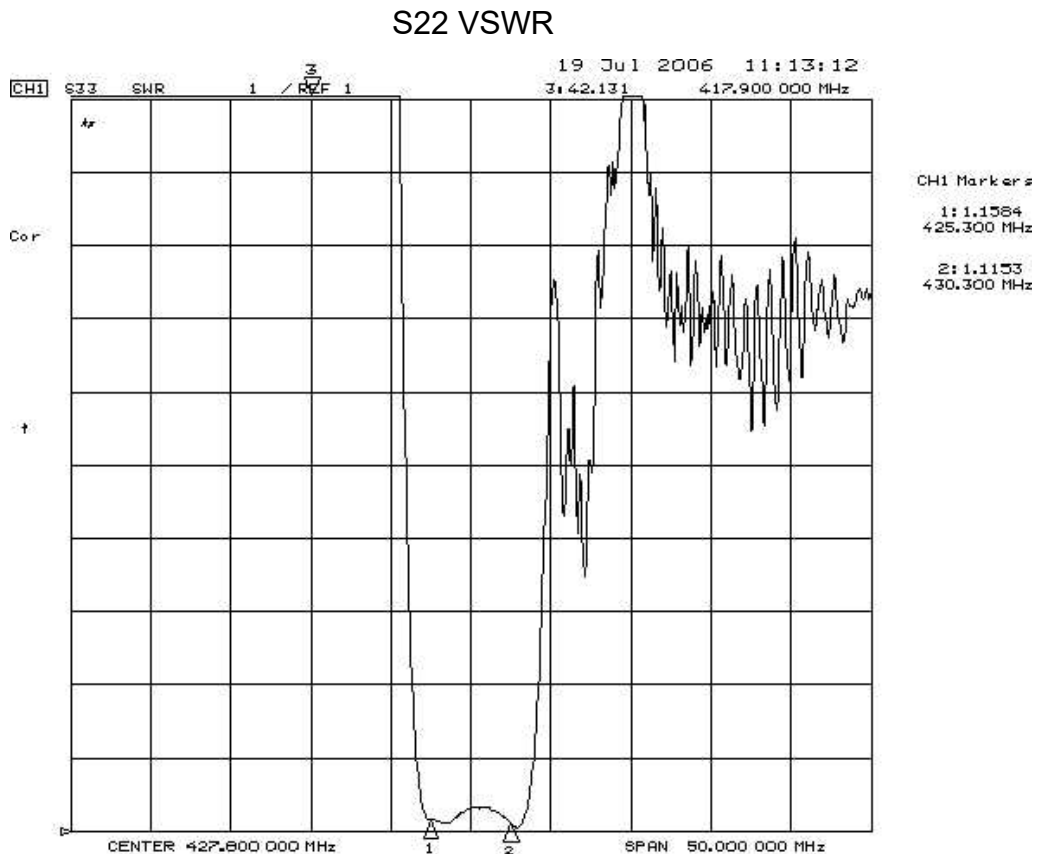
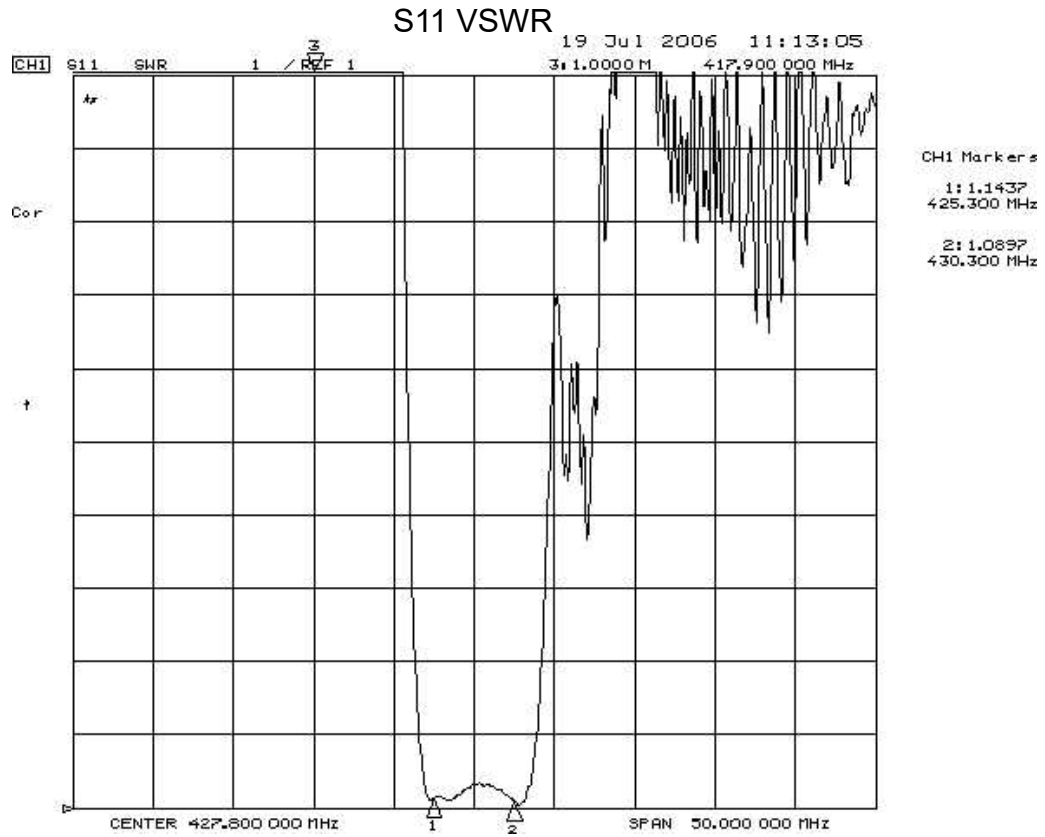
1. Transfer function



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2. Reflections Functions



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H. RECOMMENDED REFLOW PROFILE:

